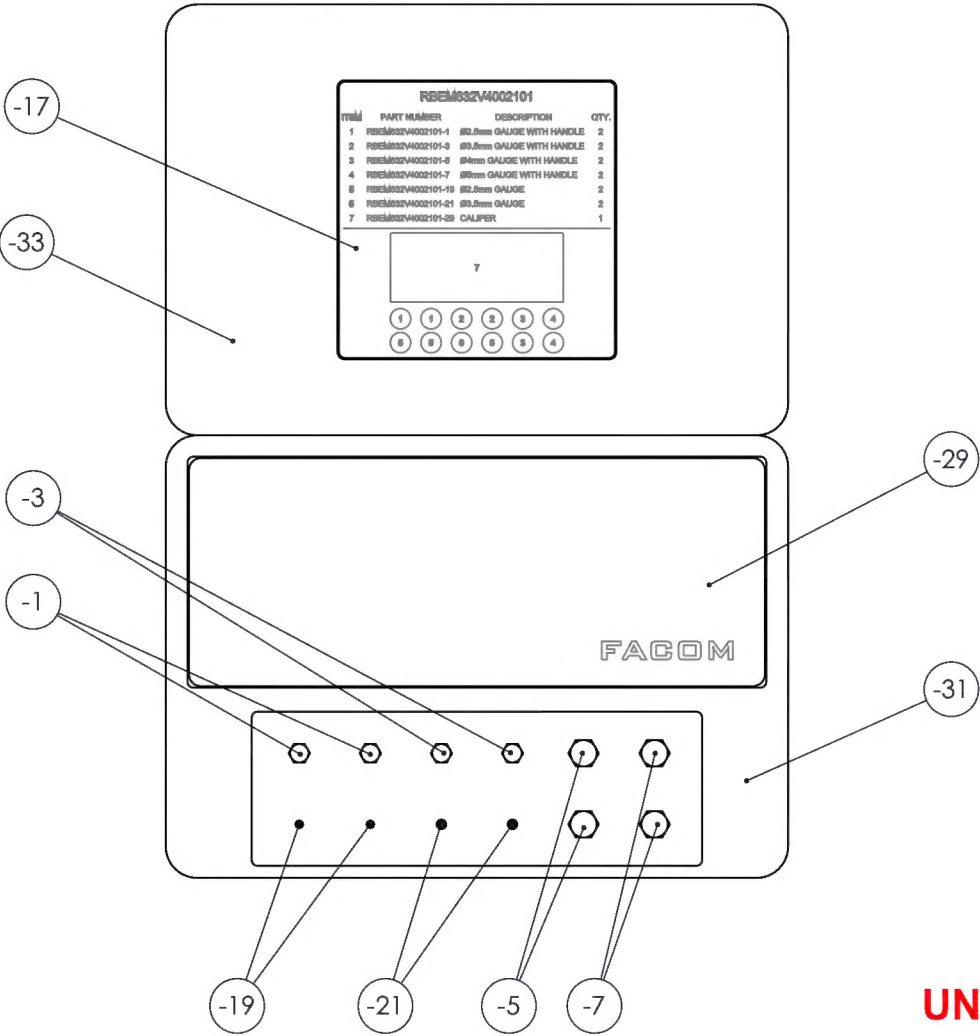


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	10/12/2016	DPD	JAG



ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			X		-1	2	Ø2.5mm GAUGE WITH HANDLE			2
		X			-3	2	Ø3.5mm GAUGE WITH HANDLE			3
	X				-5	2	Ø4mm GAUGE WITH HANDLE			4
X					-7	2	Ø5mm GAUGE WITH HANDLE			5
			1		-9		Ø2.5mm GAUGE HANDLE	6061		6
		1			-11		Ø3.5mm GAUGE HANDLE	6061		6
	1				-13		Ø4mm GAUGE HANDLE	6061		6
1					-15		Ø5mm GAUGE HANDLE	6061		6
					-17	1	PLACARD	PLASTIC		7
			1	B/O	-19	2	Ø2.5mm GAUGE	STEEL	Ø2.5mm X 2, PLUS TOLERANCE, CLASS XX (TOOL SUPPLY INC)	2
		1		B/O	-21	2	Ø3.5mm GAUGE	STEEL	Ø3.5mm X 2, PLUS TOLERANCE, CLASS XX (TOOL SUPPLY INC)	3
	1			B/O	-23		Ø4mm GAUGE	STEEL	Ø4mm X 2, PLUS TOLERANCE, CLASS XX (TOOL SUPPLY INC)	4
1				B/O	-25		Ø5mm GAUGE	STEEL	Ø5mm X 2, PLUS TOLERANCE, CLASS XX (TOOL SUPPLY INC)	5
1	1	1	1	B/O	-27		SET SCREW	S.S.	M2 X 0.4mm X 3mm (MCMASTER-CARR #92605A501)	2,3,4,5
				B/O	-29	1	CALIPER	STEEL	0-200mm (ULTIMATE GARAGE #805.M)	1
				B/O	-31	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	3.97 X 9.22 X 12.97 (CASE SOLUTIONS)	8
				B/O	-33	1	TOP FOAM	ETHAFOAM 220, BLACK	1.85 X 8.97 X 12.97 (CASE SOLUTIONS)	9
				B/O	-35	1	CASE	PLASTIC	PELICAN #APP-IM2100-E	N/S
				B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
ASSY -7	ASSY -5	ASSY -3	ASSY -1							

UNDER REVIEW

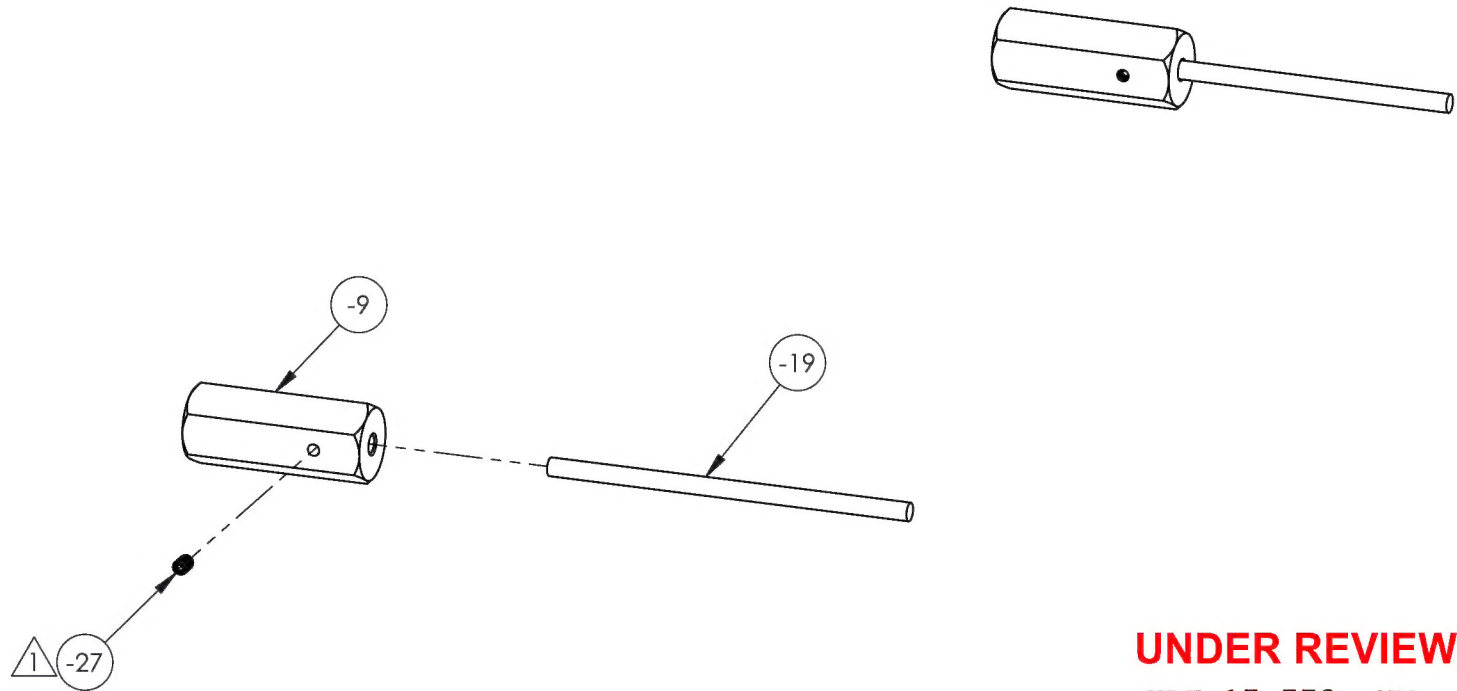
URF 17-773 VM

NOTE:
REF. AIRBUS T/N: M632V4002101.

DART AEROSPACE			
TITLE SPLINE CHECK GAUGES			
DWG NO. RBEM632V4002101			REV 1
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/	
DRAWN BY: DUERFELDT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: MACKOVJAK		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 1:4		DATE 6/16/2016	SHEET 1 OF 9

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				APPROVED



UNDER REVIEW

URF 17-773 VM

NOTE:

1 INSTALL WITH THREAD LOCKER.

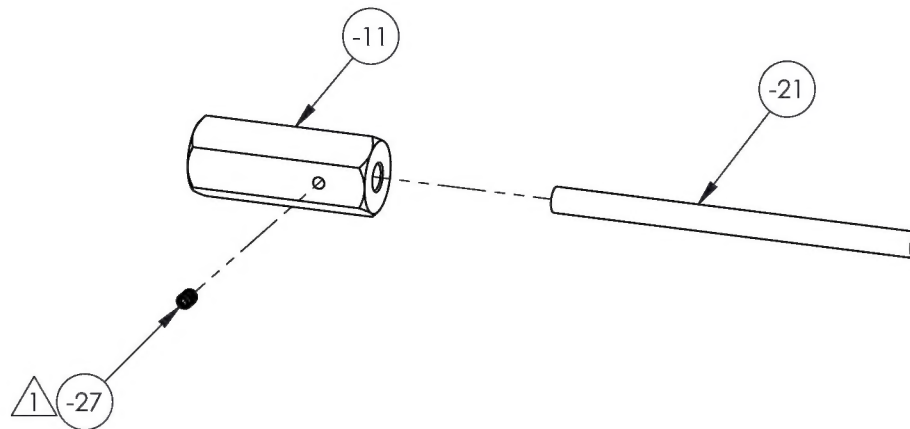
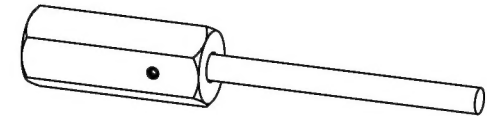
DART AEROSPACE	
TITLE SPLINE CHECK GAUGES	
DWG NO. RBEM632V4002101-1	REV 1
MAT'L TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 6/16/2016
SHEET 2 OF 9	

(1)

Ø2.5mm GAUGE WITH HANDLE

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



UNDER REVIEW

URF 17-773 VM

NOTE:

 INSTALL WITH THREAD LOCKER.

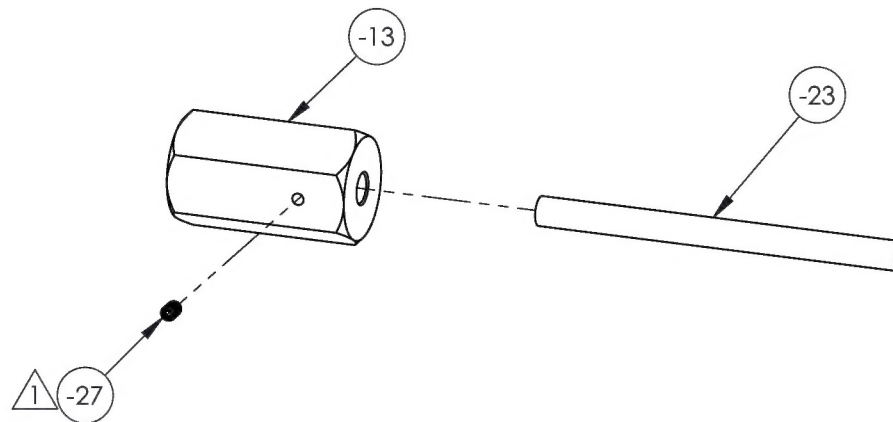
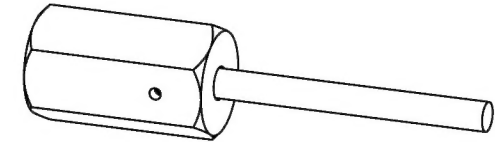
DART AEROSPACE	
TITLE SPLINE CHECK GAUGES	
DWG NO. RBEM632V4002101-3	REV 1
MAT'L REAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 6/16/2016
SHEET 3 OF 9	

③

Ø3.5mm GAUGE WITH HANDLE

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				APPROVED



UNDER REVIEW

URF 17-773 VM

NOTE:

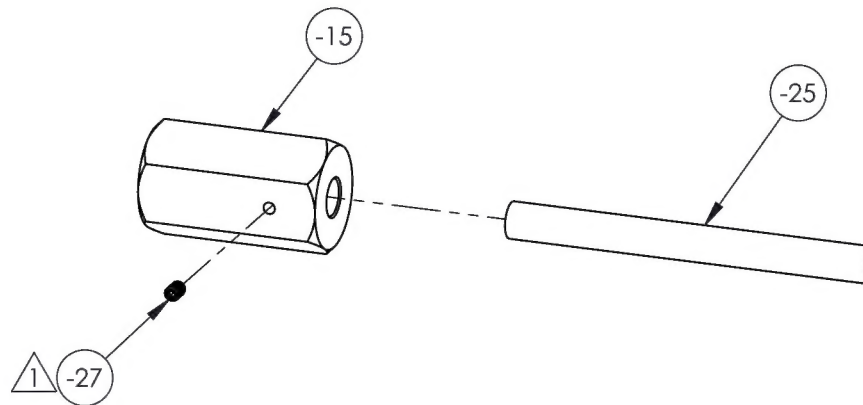
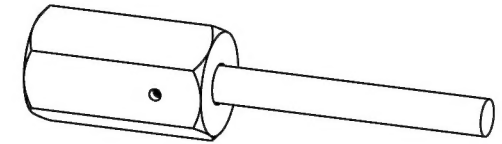
1 INSTALL WITH THREAD LOCKER.

(5)
Ø4mm GAUGE WITH HANDLE

DART AEROSPACE	
TITLE SPLINE CHECK GAUGES	
DWG NO. RBEM632V4002101-5	REV 1
MAT'L TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 6/16/2016
SHEET 4 OF 9	

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				APPROVED



UNDER REVIEW

URF 17-773 VM

NOTE:

1 INSTALL WITH THREAD LOCKER.

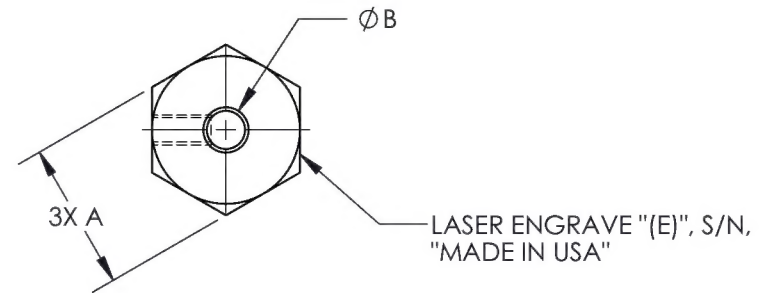
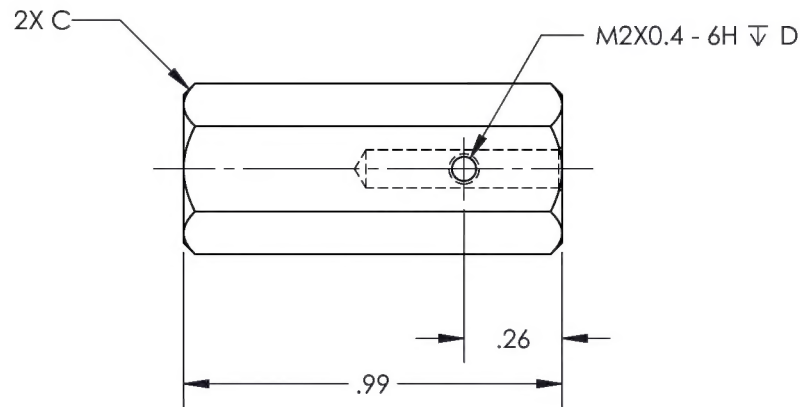
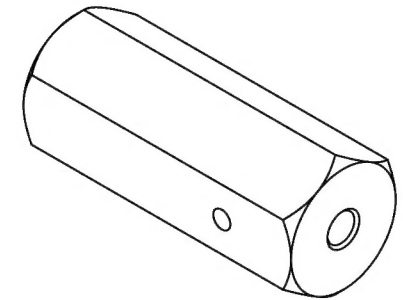
DART AEROSPACE	
TITLE SPLINE CHECK GAUGES	
DWG NO. RBEM632V4002101-7	REV 1
MAT'L REPT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 6/16/2016
SHEET 5 OF 9	

-7

Ø5mm GAUGE WITH HANDLE

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URF 17-773 VM

PART #	A	ØB	C	∇ D	E
-9	.39	Ø.099 ^{+0.002} _{-.000} ∇ .51 ∇ .12 X 90°	.03 X 45°	.19	"RBEM632V4002101-1"
-11	.39	Ø.139 ^{+0.002} _{-.000} ∇ .51 ∇ .16 X 90°	.03 X 45°	.19	"RBEM632V4002101-3"
-13	.55	Ø.158 ^{+0.002} _{-.000} ∇ .51 ∇ .18 X 90°	.04 X 45°	.28	"RBEM632V4002101-5"
-15	.55	Ø.198 ^{+0.002} _{-.000} ∇ .51 ∇ .22 X 90°	.04 X 45°	.28	"RBEM632V4002101-7"

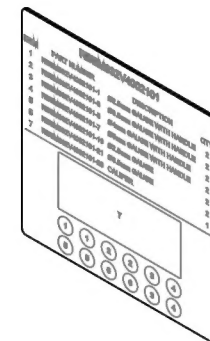
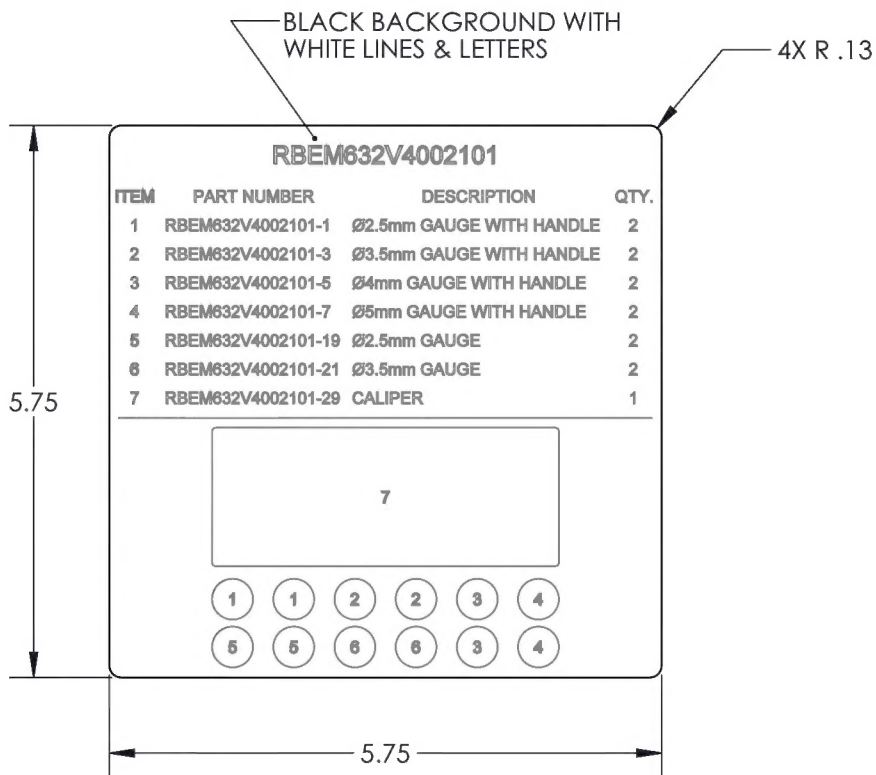
-9, -11, -13, -15

Ø2.5mm, Ø3.5mm,
Ø4mm, Ø5mm
GAGE HANDLE

DART AEROSPACE			
TITLE SPLINE CHECK GAUGES			
DWG NO. RBEM632V4002101-9, -11, -13, -15			REV 1
MAT'L 6061		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH BLACK ANODIZE		.XXX ± .005 FRACTIONS ± 1/8	
SPEC MIL-A-8625F, TYPE II, CLASS II		.XX ± .01 ANGLES ± 5°	
DRAWN BY: DUERFELDT		.X ± .1 SURFACES = 125	
CHECKED: MACKOVJAK		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 2:1		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 6/16/2016		USED ON MODEL	
SHEET 6 OF 9		H175	

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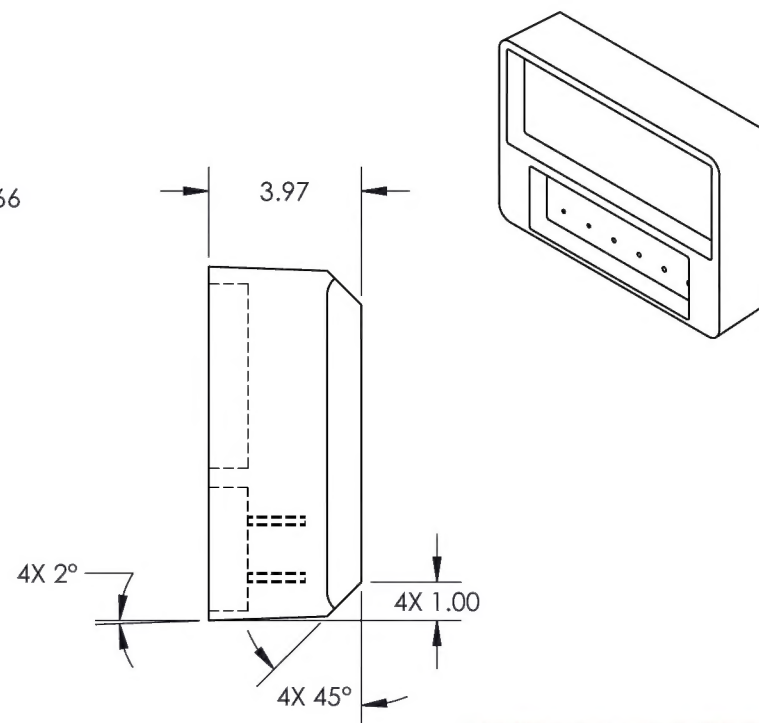
NOTE:
USE PDF.

(17)

PLACARD

DART AEROSPACE	
TITLE SPLINE CHECK GAUGES	
DWG NO. RBEM632V4002101-17	REV 1
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FEAT TREAT FINISH	.XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:2	DATE 6/16/2016 SHEET 7 OF 9

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED




URF 17-773 VM

1 DIMENSIONS UNKNOWN. MUST FIRST ORDER
-29 CALIPER TO MEASURE CASE BEFORE
ORDERING -31 BOTTOM FOAM FOR FIRST RUN.

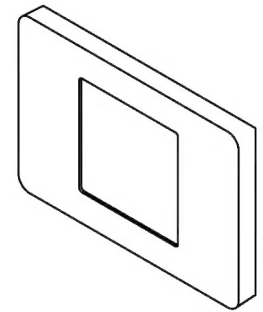
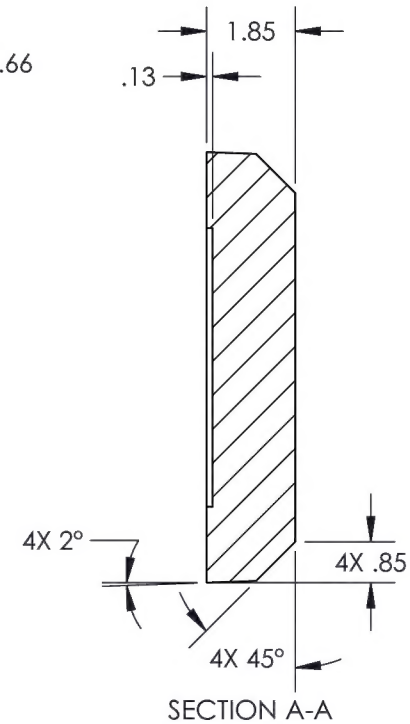
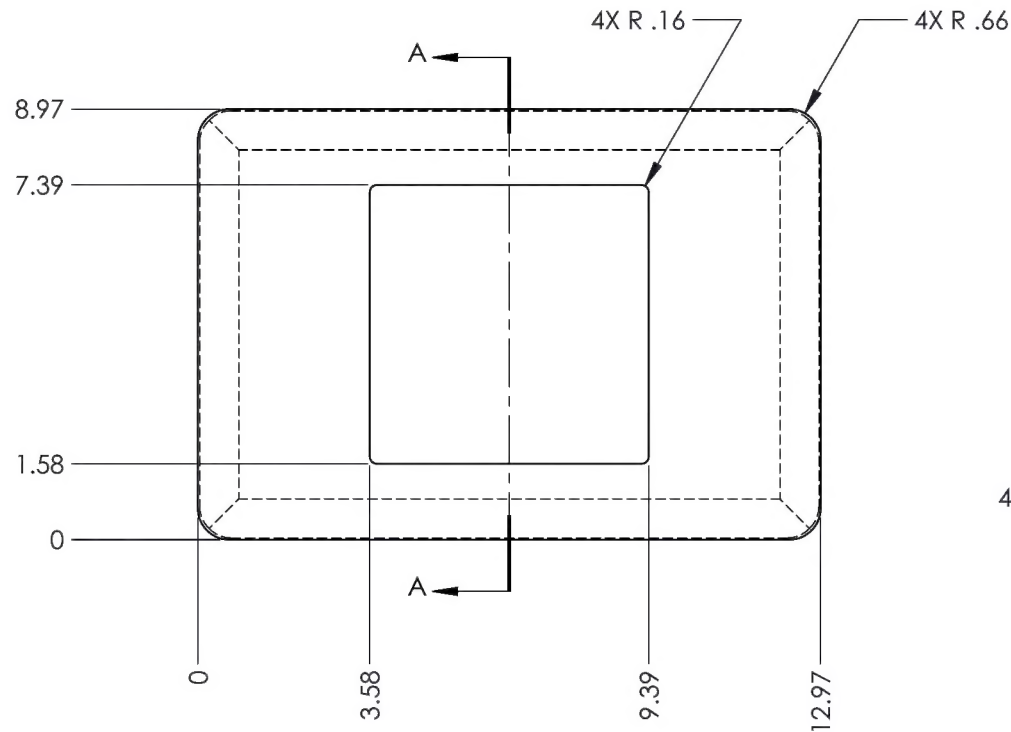


DETAIL A
SCALE 1 : 4

			
TITLE			
SPLINE CHECK GAUGES			
DWG NO.			REV
RBEM632V4002101-31			1
MAT'L ETHAFOAM 220, BLACK		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT FINISH		DIMENSIONS ARE IN INCHES	
SPEC		.XXX ± .010 FRACTIONS ± 1/8	
DRAWN BY: DUERFELDT		.XX ± .03 ANGLES ± 1°	
CHECKED: MACKOVJAK		.X ± .1 SURFACES = 125/√	
OPPS APPR: ANDERSON		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED: GILBERT		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
		USED ON MODEL	
		H175	
SCALE	1:5	DATE	6/16/2016
		SHEET 8 OF 9	

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				APPROVED



UNDER REVIEW

URF 17-773 VM

(-33)
TOP FOAM

DART AEROSPACE	
TITLE SPLINE CHECK GAUGES	
DWG NO. RBEM632V4002101-33	REV 1
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:4	DATE 6/16/2016
SHEET 9 OF 9	